Name: _____   Date: _____

FOIL and Factor solution (version 115)

FOIL the expressions shown below:

1. $(x+2)(x-3)$

$$x^2 - x - 6$$

2. $(x+3)(x+7)$

$$x^2 + 10x + 21$$

3. $(x-8)(x+9)$

$$x^2 + x - 72$$

4. $(x-2)(x-9)$

$$x^2 - 11x + 18$$

5. $(x+1)(x-6)$

$$x^2 - 5x - 6$$

Factor the expressions shown below:

6. $x^2 - 49$

$(x+7)(x-7)$

7. $x^2 - 2x - 48$

$(x+6)(x-8)$

8. $x^2 + 3x - 10$

$(x+5)(x-2)$

9. $x^2 - 3x - 54$

$(x+6)(x-9)$

10. $x^2 - 8x - 9$

$(x-9)(x+1)$